

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Zyhowski et al.

Serial No.: Not Yet Assigned

Filed: March 1, 2004

For: FLUORINATED KETONE AND FLUORINATED ETHERS  
AS WORKING FLUIDS FOR THERMAL ENERGY  
CONVERSION

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Customer No.:

Attorney Docket No.: H0005587

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

- XXX Within three (3) months of the filing date of the national application;
- \_\_\_\_\_ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- \_\_\_\_\_ Before the mailing date of a first Office Action on the merits;
- \_\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

- \_\_\_\_\_ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
- \_\_\_\_\_ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
- \_\_\_\_\_ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
- \_\_\_\_\_ Filing with RCE Under 37 CFR 1.114.

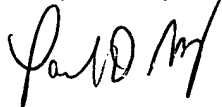
Also enclosed are copies of the following publications and articles:

- 1) PCT Publication WO 98/06791 published February 19, 1998.
- 2) 3 M Product Information – NOVEC 1230 Fire Protection Fluid, 8 pps., September 2003.
- 3) 3 M Product Information – NOVEC Engineered Fluid HFE-7000, 7 pps, July, 2001.
- 4) 3 M Product Information – NOVEC Engineered Fluid HFE-7100 for Heat Transfer, 7 pps, January, 2002.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may

deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul D. Greeley", written over the typed name.

March 1, 2004

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CUSTOMER NO.:

Sheet 1 of 1

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional) <b>H0005587</b>	Application Number <b>Not Yet Assigned</b>
	Applicant <b>Zyhowski et al.</b>	
	Filing Date <b>Herewith</b>	Group Art Unit <b>Not Yet Assigned</b>

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	WO 98/06791	2/19/98	PCT Publication			X	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	3 M Product Information – NOVEC 1230 Fire Protection Fluid, 8 pps., September, 2003
	3 M Product Information – NOVEC Engineered Fluid HFE-7000, 7 pps., July, 2001
	3 M Product Information – NOVEC Engineered Fluid HFE-7100 for Heat Transfer, 7 pps., January, 2002

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.